

## DEFROST RELAYS



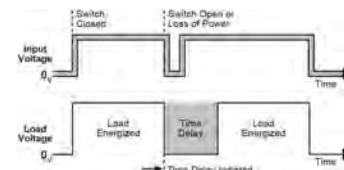
PART NO	COIL VOLTAGE	NUMBER OF DPDT CONTACTS	NUMBER F SPST-NO CONTACTS	CONTACT BIAS
42-21518-81	21VDC	3	—	NO: 7-4,8-5,9-6; NC:7-1,8-2,9-3
42-21786-81	24VAC	3	—	NO: 7-4,8-5,9-6; NC:7-1,8-2,9-3
425039	24VAC	2	1	NO: 7-4,8-5; NC: 7:1, 8:2, 9-3

## TIME DELAY RELAYS



### On Delay on Break (Anti-Short Cycle)

Upon application of power, the load is energized. When the control switch opens or there is loss of power, the load is de-energized and the delay period begins. The load will not start again during the delay period. Restart occurs after the delay period has elapsed. Common applications include protecting equipment from damage which may be caused by the rapid short cycling of compressors.

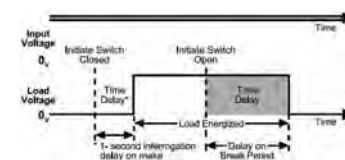


PART NO	TIME DELAY ADJUSTMENT	BREAK TIME DELAY (SECONDS)	BREAK TIME DELAY (MINUTES)	VOLTAGE RATING (VAC)	CURRENT RATING STEADY STATE (A)	ELECTRICAL CONNECTIONS
47-23433-93	Fixed	10	0.17	18-30	1	1/4 in. Quick Connects
47-23433-04	Fixed	20	0.34	18-30	1	1/4 in. Quick Connects
42-22655-03	Fixed	30	0.5	18-30	1.5	1/4 in. Quick Connects
42-40560-03	Fixed	30	0.5	18-30	1	1/4 in. Quick Connects
47-23433-05	Fixed	45	0.75	18-30	1	1/4 in. Quick Connects
42-ICM200F	Fixed	180	3	18-30	1.5	Stripped Wire Leads
42-22655-02	Fixed	300	5	18-30	1.5	1/4 in. Quick Connects
42-ICM201F	Fixed	300	5	18-30	1.5	Stripped Wire Leads
42-ICM205	Fixed	42	5	18-30	1.5	1/4 in. Quick Connects
42-ICM201	Fixed	300	5	18-30	1.5	1/4 in. Quick Connects
42-ICM203	Variable	1.5 - 600	0.03 - 10	18-230	1.5	1/4 in. Quick Connects
88-25191-02	Variable	6 - 480	0.1 - 8	18-230	1	1/4 in. Quick Connects



### Off Delay on Break (Post Purge Timer)

Power must be applied before and during the time delay period. When the initiate contact closes, the load energizes and remains energized as long as the initiate contact is closed. The time delay begins when the initiate contact opens. At the end of the time delay period, the load is turned off. If the initiate contact recloses during the time delay period, the load remains energized and the time delay is reset to zero. Removal of input power during the delay turns off the load and resets the time delay to zero. A one second interrogation delay is provided to avoid nuisance trips. Common applications include control of the blower at the end of heating/cooling cycles to purge ducts of residual conditioned air.



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47-23433-02	Fixed	60	1	18-30	1	1/4 in. Quick Connects
47-ICM253	Variable	12 - 390	0.2 - 6.5	18-30	1	1/4 in. Quick Connects